**Azure Security Center**

**Azure Security Center** is a **cloud security posture management (CSPM)** tool that helps you **prevent, detect, and respond** to threats across your Azure resources and hybrid cloud environments.



**Features :**

1. **Security Posture** **Management :** Continuously assesses your Azure environment and provides **security score** and **recommendations** to improve your security posture.
2. **Threat** **Protection :** Offers **advanced threat detection** using built-in analytics and machine learning for Azure VMs, containers, databases, and more.
3. **Integration with Defender** **Plans :** Extends protection to non-Azure environments (AWS, GCP) and workloads like **Kubernetes, SQL, Storage**, etc., through Microsoft Defender plans.
4. **Regulatory Compliance** **Dashboard :** Maps your environment to industry standards (e.g., **ISO 27001, PCI DSS, Azure CIS**) and shows compliance gaps.
5. **Just-in-Time VM** **Access :** Reduces attack surface by allowing temporary, secure access to virtual machines only when needed.